literature cited

- Alaska Housing Finance Corporation (AHFC) 2002. *Alaska Building Energy Efficiency Standards*. AHFC, 4300 Boniface Parkway, Anchorage, Alaska 99504. 44 pp. including appendices. Also available as a PDF at: www.ahfc. state.ak.us
- Anderson, B. with Michael Riordan. 1976. *The Solar Home Book*. Cheshire Books, Harrisville, NH297 pp.
- ASHRAE Handbook of Fundamentals. 1977. American Society of Heating Refrigeration and Air Conditioning Engineers, New York. 544 pp.
- Aspnes, J.D., and J.P. Zarling. 1979. Solar heat gain through windows at high latitudes. Pages 208 to 211 in *Proceedings of Solar 79 Northwest Solar Energy Conference*. Seattle, WA.
- Balcomb, J.D., Dennis Barley, Robert McFarland, Joseph Perry, Jr., William Wray, and Scott Noll. 1980. *Passive solar design handbook*, Vol. 2. Office of Solar Applications, U.S. Department of Energy. DOE/CS-0127/2, Dist. Ct. UC-59. 269 pp.
- Beckman, W.A., S.A. Klein, and J. Duffie. 1977. *Solar heating by the F-Chart method*. J. Wiley & Sons, NY. 200 pp.

- Campbell, Colin J. and Jean H. Lefferrere. 1996. *The End of Cheap Oil*. Scientific American. March, 10 pp.
- Cinquemani, V., J.R. Owenby, and R.G. Baldwin. 1978. Input data for solar systems. U.S. Department of Energy. Under interagency agreement No. 1E (49-26) 1041. Asheville, NC. 192 pp.
- Climatic Atlas of the United States. 1968. Environmental Sciences Services Administration, U.S. Department of Commerce, Washington, D.C. Item 208-B-1, Stock No. 003-014-00013-4. 82 pp.
- Duffie, J.A., and W.A. Beckman. 1974. *Solar energy thermal processes*. J. Wiley & Sons, NY. 386 pp.
- Dumont, Robert S. 2005. Experiences from Low Energy Houses in Canada, Proceedings of Low Energy Housing Symposium, Sisimiut, Greenland, April 15-18, 10pp.
- Ferber, R.R., and R.G. Forney. 1979. The DOE photovoltaics program—an overview. Paper presented at the second Miami Conference on Alternative Energy Sources. University of Miami, Coral Gables, FL.

- Gilpin, R.R. 1977. The use of south facing windows in a northern climate. National Solar Energy Society of Canada, Edmonton, Alberta. Solar Energy Update, 1977. 12 pp.
- Grant, E.L., W.G. Ireson, and R.S. Leavenworth. 1976. *Principles of engineering economy*. Ronald Press Company, New York. 624 pp.
- Gubareff, G.G. et al. 1960. Thermal radiation properties survey, second edition. Honeywell Research Center, Minneapolis-Honeywell Regulator Company. Minneapolis.
- Hartman, C.W. and P.R. Johnson. 1978. Environmental Atlas of Alaska. University of Alaska, Institute of Water Resources, Fairbanks, AK.
- Hunn, B.D., and D.O. Coldfell, II. 1977. Determination of average ground reflectivity for solar collectors. *Solar Energy*. 19(1):87-89.
- Konrad, A., and B.T. Larsen. 1978. ENCORE-CANADA: Computer program for the study of energy consumption of residential buildings in Canada. Pages 439 to 450 in *Proceedings, Third International Symposium on the Use of Computers for Environmental*

- Engineering Related to Buildings. Banff, B.C., Canada.
- Korsgaard, V. 1977. *Zero Energy Houses*, Report NP-22388, N.T.I.S. Springfield, Virginia.
- Kusuda, T., and K. Ishii. 1977. Hourly solar radiation data for vertical and horizontal surfaces on average days in the U.S. and Canada. National Bureau of Standards, U.S. Department of Commerce, Washington, D.C. NBS Building Science Series Number 96. 405 pp.
- Liu, B.Y.H., and R.C. Jordan. 1960. The interrelationship and characteristic distribution of direct, diffuse, and total solar radiation. *Solar Energy*. 4(3):1–19.
- Liu, B.Y.H., and R.C. Jordan. 1961. Daily insolation on surfaces tilted toward the equator. *ASHRAE Journal*. 3(10):53–59.
- Liu, B.Y.H., and R.C. Jordan. 1963. A rational procedure for predicting the long-term average performance of flat-plate solar energy collectors. *Solar Energy*. 7(2):53–74.
- Liu, B.Y.H., and R.C. Jordan. 1977. Availability of solar energy for flat-plate solar heat collectors. Pages v-1 to v-26 in R.C. Jordan and B.Y.H. Liu, eds. Applications of solar energy for heating and cooling of buildings. American

- Society of Heating, Refrigerating and Air-Conditioning Engineers, New York.
- Lobbe Technologies Ltd. 1990. "An Assessment of Technologies and Policy Options for Reduction of Greenhouse Gas Emissions in Saskatchewan," Regina Saskatchewan Department of Energy and Mines, 1982, Saskatoon Low Energy Market Housing Project, Final Technical Report, Miscellaneous Report FP-13, Regina.
- University of Minnesota. Underground Space Center. 1979. *Earth sheltered housing design*. Van Nostrand Reinhold Company, New York. 318 pp.
- Noll, E.M. 1975. *Wind/solar energy*. Howard W. Sams and Company, Inc. 4300 West 62nd St., Indianapolis, IN 46268. 208 pp.
- Quinlan, F.T. 1978. SOLMET hourly solar radiation surface meteorological observations. vol. 1. U.S. Department of Energy, Asheville, NC. Publication TD-9724. 52 pp.
- Seifert, R.D., Jack W. Schmid, and Dr. R. A. Johnson. June 17-19 June, 2002. *Controlling Indoor Air Quality in Subarctic Houses*. Presented at the 6th Nordic Conference on Building Physics, NTNU, Trondheim, Norway. 8 pp.

- Seifert, R.D. and George S. Mueller. June 1983. An Analytical Study of Passive Solar Energy and Mass Storage: Observations from a Test Building in Fairbanks, Alaska. Report No. AK-RD-85-21. 50 pp. plus appendices.
- Shah, Louise Jivan. 2005. Evacuated Tubular Collectors, paper given at the Low Energy Housing Symposium, Sisimiut, Greenland, April 15-18, 15pp.
- Strandberg, J.S. December 1981. *Two Rivers Passive Solar School Analysis, Interim Report*, J. S. Strandberg Engineers, Report No. AK-RD-82-18, Alaska DOT&PF. 23 pp. plus appendices.
- Werden, R.J., and L.G. Spielvogel. 1969. Part II, sizing of service water heating equipment in commercial and institutional buildings. ASHRAE *Transactions*. 75: iv.1.1.
- Willcut, G.J.E., B.D. Hunn, and T.B. McSweeney. 1975. Cost optimization of solar heating of buildings in northern regions. American Society of Mechanical Engineers, New York. Paper No. 75-WA Sol-9. 13 pp.
- Wise, J.L. 1979. *Alaska solar radiation analysis*. Arctic Environmental Information and Data Center, University of Alaska, Anchorage. 27 pp.

- Zarling, J.P. and James S. Strandberg. March 1983. *A Thermal Performance Design Optimization Study for Small Alaskan Rural Schools*. Report No. AK-RD-83-2, 118 pp. plus appendices.
- Zarling, J.P. 1981. *Air-to-air heat recovery devices for small buildings*. Alaska Department of Transportation and Public Facilities, Fairbanks. Interim Report. 19 pp.
- Zarling, J.P., and R.D. Seifert. 1980. Passive solar design at subarctic latitudes. Paper presented at the National Conference of the Solar Energy Society of Canada, Vancouver, B.C. 6 pp.
- Zarling, J.P. June 1980. *Passive Solar Heating in Alaska*. Report No. AK-RD-81-15, Alaska DOT&PF. 17 pp.